

U.S. UTILITY Patent Application

854
 102
 09/6
 10/1
 10/2
 10/3
 10/4
 10/5
 10/6
 10/7
 10/8
 10/9
 10/10
 10/11
 10/12
 10/13
 10/14
 10/15
 10/16
 10/17
 10/18
 10/19
 10/20
 10/21
 10/22
 10/23
 10/24
 10/25
 10/26
 10/27
 10/28
 10/29
 10/30
 10/31
 11/1
 11/2
 11/3
 11/4
 11/5
 11/6
 11/7
 11/8
 11/9
 11/10
 11/11
 11/12
 11/13
 11/14
 11/15
 11/16
 11/17
 11/18
 11/19
 11/20
 11/21
 11/22
 11/23
 11/24
 11/25
 11/26
 11/27
 11/28
 11/29
 11/30
 12/1
 12/2
 12/3
 12/4
 12/5
 12/6
 12/7
 12/8
 12/9
 12/10
 12/11
 12/12
 12/13
 12/14
 12/15
 12/16
 12/17
 12/18
 12/19
 12/20
 12/21
 12/22
 12/23
 12/24
 12/25
 12/26
 12/27
 12/28
 12/29
 12/30
 12/31
 13/1
 13/2
 13/3
 13/4
 13/5
 13/6
 13/7
 13/8
 13/9
 13/10
 13/11
 13/12
 13/13
 13/14
 13/15
 13/16
 13/17
 13/18
 13/19
 13/20
 13/21
 13/22
 13/23
 13/24
 13/25
 13/26
 13/27
 13/28
 13/29
 13/30
 13/31
 14/1
 14/2
 14/3
 14/4
 14/5
 14/6
 14/7
 14/8
 14/9
 14/10
 14/11
 14/12
 14/13
 14/14
 14/15
 14/16
 14/17
 14/18
 14/19
 14/20
 14/21
 14/22
 14/23
 14/24
 14/25
 14/26
 14/27
 14/28
 14/29
 14/30
 14/31
 15/1
 15/2
 15/3
 15/4
 15/5
 15/6
 15/7
 15/8
 15/9
 15/10
 15/11
 15/12
 15/13
 15/14
 15/15
 15/16
 15/17
 15/18
 15/19
 15/20
 15/21
 15/22
 15/23
 15/24
 15/25
 15/26
 15/27
 15/28
 15/29
 15/30
 15/31
 16/1
 16/2
 16/3
 16/4
 16/5
 16/6
 16/7
 16/8
 16/9
 16/10
 16/11
 16/12
 16/13
 16/14
 16/15
 16/16
 16/17
 16/18
 16/19
 16/20
 16/21
 16/22
 16/23
 16/24
 16/25
 16/26
 16/27
 16/28
 16/29
 16/30
 16/31
 17/1
 17/2
 17/3
 17/4
 17/5
 17/6
 17/7
 17/8
 17/9
 17/10
 17/11
 17/12
 17/13
 17/14
 17/15
 17/16
 17/17
 17/18
 17/19
 17/20
 17/21
 17/22
 17/23
 17/24
 17/25
 17/26
 17/27
 17/28
 17/29
 17/30
 17/31
 18/1
 18/2
 18/3
 18/4
 18/5
 18/6
 18/7
 18/8
 18/9
 18/10
 18/11
 18/12
 18/13
 18/14
 18/15
 18/16
 18/17
 18/18
 18/19
 18/20
 18/21
 18/22
 18/23
 18/24
 18/25
 18/26
 18/27
 18/28
 18/29
 18/30
 18/31
 19/1
 19/2
 19/3
 19/4
 19/5
 19/6
 19/7
 19/8
 19/9
 19/10
 19/11
 19/12
 19/13
 19/14
 19/15
 19/16
 19/17
 19/18
 19/19
 19/20
 19/21
 19/22
 19/23
 19/24
 19/25
 19/26
 19/27
 19/28
 19/29
 19/30
 19/31
 20/1
 20/2
 20/3
 20/4
 20/5
 20/6
 20/7
 20/8
 20/9
 20/10
 20/11
 20/12
 20/13
 20/14
 20/15
 20/16
 20/17
 20/18
 20/19
 20/20
 20/21
 20/22
 20/23
 20/24
 20/25
 20/26
 20/27
 20/28
 20/29
 20/30
 20/31
 21/1
 21/2
 21/3
 21/4
 21/5
 21/6
 21/7
 21/8
 21/9
 21/10
 21/11
 21/12
 21/13
 21/14
 21/15
 21/16
 21/17
 21/18
 21/19
 21/20
 21/21
 21/22
 21/23
 21/24
 21/25
 21/26
 21/27
 21/28
 21/29
 21/30
 21/31
 22/1
 22/2
 22/3
 22/4
 22/5
 22/6
 22/7
 22/8
 22/9
 22/10
 22/11
 22/12
 22/13
 22/14
 22/15
 22/16
 22/17
 22/18
 22/19
 22/20
 22/21
 22/22
 22/23
 22/24
 22/25
 22/26
 22/27
 22/28
 22/29
 22/30
 22/31
 23/1
 23/2
 23/3
 23/4
 23/5
 23/6
 23/7
 23/8
 23/9
 23/10
 23/11
 23/12
 23/13
 23/14
 23/15
 23/16
 23/17
 23/18
 23/19
 23/20
 23/21
 23/22
 23/23
 23/24
 23/25
 23/26
 23/27
 23/28
 23/29
 23/30
 23/31
 24/1
 24/2
 24/3
 24/4
 24/5
 24/6
 24/7
 24/8
 24/9
 24/10
 24/11
 24/12
 24/13
 24/14
 24/15
 24/16
 24/17
 24/18
 24/19
 24/20
 24/21
 24/22
 24/23
 24/24
 24/25
 24/26
 24/27
 24/28
 24/29
 24/30
 24/31
 25/1
 25/2
 25/3
 25/4
 25/5
 25/6
 25/7
 25/8
 25/9
 25/10
 25/11
 25/12
 25/13
 25/14
 25/15
 25/16
 25/17
 25/18
 25/19
 25/20
 25/21
 25/22
 25/23
 25/24
 25/25
 25/26
 25/27
 25/28
 25/29
 25/30
 25/31
 26/1
 26/2
 26/3
 26/4
 26/5
 26/6
 26/7
 26/8
 26/9
 26/10
 26/11
 26/12
 26/13
 26/14
 26/15
 26/16
 26/17
 26/18
 26/19
 26/20
 26/21
 26/22
 26/23
 26/24
 26/25
 26/26
 26/27
 26/28
 26/29
 26/30
 26/31
 27/1
 27/2
 27/3
 27/4
 27/5
 27/6
 27/7
 27/8
 27/9
 27/10
 27/11
 27/12
 27/13
 27/14
 27/15
 27/16
 27/17
 27/18
 27/19
 27/20
 27/21
 27/22
 27/23
 27/24
 27/25
 27/26
 27/27
 27/28
 27/29
 27/30
 27/31
 28/1
 28/2
 28/3
 28/4
 28/5
 28/6
 28/7
 28/8
 28/9
 28/10
 28/11
 28/12
 28/13
 28/14
 28/15
 28/16
 28/17
 28/18
 28/19
 28/20
 28/21
 28/22
 28/23
 28/24
 28/25
 28/26
 28/27
 28/28
 28/29
 28/30
 28/31
 29/1
 29/2
 29/3
 29/4
 29/5
 29/6
 29/7
 29/8
 29/9
 29/10
 29/11
 29/12
 29/13
 29/14
 29/15
 29/16
 29/17
 29/18
 29/19
 29/20
 29/21
 29/22
 29/23
 29/24
 29/25
 29/26
 29/27
 29/28
 29/29
 29/30
 29/31
 30/1
 30/2
 30/3
 30/4
 30/5
 30/6
 30/7
 30/8
 30/9
 30/10
 30/11
 30/12
 30/13
 30/14
 30/15
 30/16
 30/17
 30/18
 30/19
 30/20
 30/21
 30/22
 30/23
 30/24
 30/25
 30/26
 30/27
 30/28
 30/29
 30/30
 30/31
 31/1
 31/2
 31/3
 31/4
 31/5
 31/6
 31/7
 31/8
 31/9
 31/10
 31/11
 31/12
 31/13
 31/14
 31/15
 31/16
 31/17
 31/18
 31/19
 31/20
 31/21
 31/22
 31/23
 31/24
 31/25
 31/26
 31/27
 31/28
 31/29
 31/30
 31/31
 32/1
 32/2
 32/3
 32/4
 32/5
 32/6
 32/7
 32/8
 32/9
 32/10
 32/11
 32/12
 32/13
 32/14
 32/15
 32/16
 32/17
 32/18
 32/19
 32/20
 32/21
 32/22
 32/23
 32/24
 32/25
 32/26
 32/27
 32/28
 32/29
 32/30
 32/31
 33/1
 33/2
 33/3
 33/4
 33/5
 33/6
 33/7
 33/8
 33/9
 33/10
 33/11
 33/12
 33/13
 33/14
 33/15
 33/16
 33/17
 33/18
 33/19
 33/20
 33/21
 33/22
 33/23
 33/24
 33/25
 33/26
 33/27
 33/28
 33/29
 33/30
 33/31
 34/1
 34/2
 34/3
 34/4
 34/5
 34/6
 34/7
 34/8
 34/9
 34/10
 34/11
 34/12
 34/13
 34/14
 34/15
 34/16
 34/17
 34/18
 34/19
 34/20
 34/21
 34/22
 34/23
 34/24
 34/25
 34/26
 34/27
 34/28
 34/29
 34/30
 34/31
 35/1
 35/2
 35/3
 35/4
 35/5
 35/6
 35/7
 35/8
 35/9
 35/10
 35/11
 35/12
 35/13
 35/14
 35/15
 35/16
 35/17
 35/18
 35/19
 35/20
 35/21
 35/22
 35/23
 35/24
 35/25
 35/26
 35/27
 35/28
 35/29
 35/30
 35/31
 36/1
 36/2
 36/3
 36/4
 36/5
 36/6
 36/7
 36/8
 36/9
 36/10
 36/11
 36/12
 36/13
 36/14
 36/15
 36/16
 36/17
 36/18
 36/19
 36/20
 36/21
 36/22
 36/23
 36/24
 36/25
 36/26
 36/27
 36/28
 36/29
 36/30
 36/31
 37/1
 37/2
 37/3
 37/4
 37/5
 37/6
 37/7
 37/8
 37/9
 37/10
 37/11
 37/12
 37/13
 37/14
 37/15
 37/16
 37/17
 37/18
 37/19
 37/20
 37/21
 37/22
 37/23
 37/24
 37/25
 37/26
 37/27
 37/28
 37/29
 37/30
 37/31
 38/1
 38/2
 38/3
 38/4
 38/5
 38/6
 38/7
 38/8
 38/9
 38/10
 38/11
 38/12
 38/13
 38/14
 38/15
 38/16
 38/17
 38/18
 38/19
 38/20
 38/21
 38/22
 38/23
 38/24
 38/25
 38/26
 38/27
 38/28
 38/29
 38/30
 38/31
 39/1
 39/2
 39/3
 39/4
 39/5
 39/6
 39/7
 39/8
 39/9
 39/10
 39/11
 39/12
 39/13
 39/14
 39/15
 39/16
 39/17
 39/18
 39/19
 39/20
 39/21
 39/22
 39/23
 39/24
 39/25
 39/26
 39/27
 39/28
 39/29
 39/30
 39/31
 40/1
 40/2
 40/3
 40/4
 40/5
 40/6
 40/7
 40/8
 40/9
 40/10
 40/11
 40/12
 40/13
 40/14
 40/15
 40/16
 40/17
 40/18
 40/19
 40/20
 40/21
 40/22
 40/23
 40/24
 40/25
 40/26
 40/27
 40/28
 40/29
 40/30
 40/31
 41/1
 41/2
 41/3
 41/4
 41/5
 41/6
 41/7
 41/8
 41/9
 41/10
 41/11
 41/12
 41/13
 41/14
 41/15
 41/16
 41/17
 41/18
 41/19
 41/20
 41/21
 41/22
 41/23
 41/24
 41/25
 41/26
 41/27
 41/28
 41/29
 41/30
 41/31
 42/1
 42/2
 42/3
 42/4
 42/5
 42/6
 42/7
 42/8
 42/9
 42/10
 42/11
 42/12
 42/13
 42/14
 42/15
 42/16
 42/17
 42/18
 42/19
 42/20
 42/21
 42/22
 42/23
 42/24
 42/25
 42/26
 42/27
 42/28
 42/29
 42/30
 42/31
 43/1
 43/2
 43/3
 43/4
 43/5
 43/6
 43/7
 43/8
 43/9
 43/10
 43/11
 43/12
 43/13
 43/14
 43/15
 43/16
 43/17
 43/18
 43/19
 43/20
 43/21
 43/22
 43/23
 43/24
 43/25
 43/26
 43/27
 43/28
 43/29
 43/30
 43/31
 44/1
 44/2
 44/3
 44/4
 44/5
 44/6
 44/7
 44/8
 44/9
 44/10
 44/11
 44/12
 44/13
 44/14
 44/15
 44/16
 44/17
 44/18
 44/19
 44/20
 44/21
 44/22
 44/23
 44/24
 44/25
 44/26
 44/27
 44/28
 44/29
 44/30
 44/31
 45/1
 45/2
 45/3
 45/4
 45/5
 45/6
 45/7
 45/8
 45/9
 45/10
 45/11
 45/12
 45/13
 45/14
 45/15
 45/16
 45/17
 45/18
 45/19
 45/20
 45/21
 45/22
 45/23
 45/24
 45/25
 45/26
 45/27
 45/28
 45/29
 45/30
 45/31
 46/1
 46/2
 46/3
 46/4
 46/5
 46/6
 46/7
 46/8
 46/9
 46/10
 46/11
 46/12
 46/13
 46/14
 46/15
 46/16
 46/17
 46/18
 46/19
 46/20
 46/21
 46/22
 46/23
 46/24
 46/25
 46/26
 46/27
 46/28
 46/29
 46/30
 46/31
 47/1
 47/2
 47/3
 47/4
 47/5
 47/6
 47/7
 47/8
 47/9
 47/10
 47/11
 47/12
 47/13
 47/14
 47/15
 47/16
 47/17
 47/18
 47/19
 47/20
 47/21
 47/22
 47/23
 47/24
 47/25
 47/26
 47/27
 47/28
 47/29
 47/30
 47/31
 48/1
 48/2
 48/3
 48/4
 48/5
 48/6
 48/7
 48/8
 48/9
 48/10
 48/11
 48/12
 48/13
 48/14
 48/15
 48/16
 48/17
 48/18
 48/19
 48/20
 48/21
 48/22
 48/23
 48/24
 48/25
 48/26
 48/27
 48/28
 48/29
 48/30
 48/31
 49/1
 49/2
 49/3
 49/4
 49/5
 49/6
 49/7
 49/8
 49/9
 49/10
 49/11
 49/12
 49/13
 49/14
 49/15
 49/16
 49/17
 49/18
 49/19
 49/20
 49/21
 49/22
 49/23
 49/24
 49/25
 49/26
 49/27
 49/28
 49/29
 49/30
 49/31
 50/1
 50/2
 50/3
 50/4
 50/5
 50/6
 50/7
 50/8
 50/9
 50/10
 50/11
 50/12
 50/13
 50/14
 50/15
 50/16
 50/17
 50/18
 50/19
 50/20
 50/21
 50/22
 50/23
 50/24
 50/25
 50/26